and the state of t		*	er e
PC	Fo	r receiving Office	use only
ii O	International Application	on No	
DEOUGG	international Application	on No.	<del></del>
REQUEST	International Filing Da	te	
The undersigned requests that the green	5	<u>··</u>	· · · · · · · · · · · · · · · · · · ·
The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Offi	ce and "PCT Inte	rnational Application"
	Applicant's or agent's (if desired) (12 characte	file reference ers maximum) PL	J00126915500JB
Box No. I TITLE OF INVENTION	· · · · · · · · · · · · · · · · · · ·		
Multielectrode array and system for recording a	nd analyzing data	from tissue o	r stimulating tissue
Box No. II APPLICANT This perso	n is also inventor		
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residen	ne agaress indicated in this	Telephone No. 205/934-99	911
The UAB Research Foundation		Facsimile No.	
1120-G Administration Building		205/975-5	560
720 South 20th Street		Teleprinter No.	
Birmingham, Alabama 35294		A1'	
		Applicant's regis	stration No. with the Office
State (that is, country) of nationality: US	State (that is, country) US	of residence:	
This person is applicant for the purposes of:  all designated states all designated the United S	d States except tates of America	he United States of America only	the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTI			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of the	ity, full official designation. he address indicated in this	This person is:	
Box is the applicant's State (that is, country) of residence if no State of residen	ce is indicated below.)	applican	t only
Amthor, Franklin R. 2660 Creekview Dr.		2 applican	t and inventor
Hoover, Alabama 35226-3420		inventor	only (If this check-box is
			do not fill in below.)
		Applicant sregis	tration No. with the Office
State (that is, country) of nationality: US	State (that is, country)	of residence:	
	US		
	States except ates of America	he United States of America only	the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated o	n a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE	OR ADDRESS FOR O	CORRESPONDE	ENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	n behalf	igent	common

Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Bradley Arant Rose & White LLP

Birmingham, Alabama 35203-2104 United States of America

1819 Fifth Avenue North

Bird, Joseph S.

One Federal Place

Name and address: (Family name followed by given name; for a legal entity, full official designation.
The address must include postal code and name of country.)

Telephone No. 205/521-8473

Facsimile No.

Teleprinter No.

50,366

205/488-6473

Agent's registration No. with the Office

Continuation of Box No. III ATHER APPLICANT(S) AND/OR (FURTHER) INV OR(S)			
If none of the following sub-boxes is used, this sheet should no	t be included in the request.		
Name and address: (Family name followed by given name; for a legal entil The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence Tootle, John S. 4025 Little Branch Road Vestavia Hills, Alabama 35243	ne address indicated in this		
State (that is, country) of nationality:	State (that is, country) of residence:		
This person is applicant all designated all designated for the purposes of:	States except the United States the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence Yildirim, Abidin 704 Staffordshire Lane Birmingham, Alabama 35226	e address indicated in this		
State (that is, country) of nationality: TR (Turkey) and DE (Germany)	State (that is, country) of residence:		
This person is applicant all designated all designated for the purposes of:	States except tets of America only the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this		
State (that is, country) of nationality:	State (that is, country) of residence:		
This person is applicant for the purposes of:  all designated the United States all designated the United States	States except tes of America the United States the States indicated in the Supplemental Box		
Name and address: (Family name followed by given name; for a legal entity, full official designation.  The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  This person is:  applicant only  applicant and inventor  inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office			
State (that is, country) of nationality:	State (that is, country) of residence:		
This person is applicant all designated all designated for the purposed of District District the United District	States except the United States the States indicated in the Dupplomental Den		
Further applicants and/or (further) inventors are indicated on another continuation sheet.			

Box No. V DESIGNATION				
The filing of this request confiling date, for the grant of e	stitutes under Rule 4.9(a), ti very kind of protection availa	he designation of all Contr ble and, where applicable,	racting States bound by the for the grant of both reg	ne PCT on the international gional and national patents.
However,				
DE Germany is not de	esignated for any kind of nati	onal protection		
KR Republic of Kores	a is not designated for any ki	nd of national protection	•	
RU Russian Federatio	n is not designated for any k	ind of national protection		
the national law, of an earlie	be used to exclude (irrevocab er national application from w s in these and certain other S	hich priority is claimed. S	ned in order to avoid the See the Notes to Box No. 1	ceasing of the effect, under as to the consequences of
Box No. VI PRIORITY	CLAIM			
The priority of the following	earlier application(s) is herel	by claimed:		
Filing date	. Number	V	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 12.06.2003	60/478054	US		
item (2)				
item (3)				
Further priority claims	are indicated in the Suppleme	mtal Boy	<del></del>	
				<del></del>
The receiving Office is reque the earlier application was fi above as:	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified			
all items item (1) item (2) item (3) other, see Supplemental Box				
* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):				
Box No. VII INTERNATIONAL SEARCHING AUTHORITY  Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the				
Choice of International Seinternational search, indicate	arching Authority (ISA) (if i the Authority chosen; the two	wo or more International S ~letter code may be used):	Searching Authorities are	competent to carry out the
ISA / United States P.	atent & Trademark Offic	e (USPTO)		
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the				
International Searching Authority):  Date (day/month/year)  Number  Country (or regional Office)				
Box No. VIII DECLARATIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable  Number of declaration):  Number of declaration:				
Box No. VIII (i) Declaration as to the identity of the inventor :				
Box No. VIII (ii)	Declaration as to the appli- date, to apply for and be g	•	e international filing	: 1
Box No. VIII (iii)	Declaration as to the applicate, to claim the priority		ne international filing	: 1
Box No. VIII (iv)	_			: 3
Bex No. VIII (v)	Declaration as to non-proj	udicial disclosures or excep	ptions to lack of nevelty	1

Box No. VIII (ii) The declaration must cand the specific Notes	conform to the stand	lardized wording p	provided for in Sec	Y FOR AND BE GI ction 212; see Notes to should not be include	to Boxes Nos. VIII.	TENT VIII (i) to (v) (in general)
Declaration as to the and 51bis.1(a)(ii)), ir	applicant's entitle	ment, as at the ir declaration under	nternational filir r Rule 4.17(iv) i	ag date, to apply for s not appropriate:	and be granted a	a patent (Rules 4.17(ii)
In relation to the The UAB Reset the following: a to the UAB ReThis declaration of America].	earch Founda an assignmer eserch Founda	ation is entitl nt from Fran ation dated	led to apply klin R. Amt June 11, 20	thor, John S. T 004.	Tootle, and A	
						•
		_	. •			

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

Box No. VIII (iii)	DECLAR.	N: ENTITLEMENT TO CLAIM PRIORITY

The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

In relation to this international application,

The UAB Research Foundation is entitled to claim priority of earlier application No. 60/478,054 by virtue of the following: an assignment from Franklin R. Amthor, John S. Tootle, and Abidin Yildirim to the UAB Reserch Foundation dated June 11, 2004. This declaration is made for the purposes of all designations [except for the United States of America].

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

Sheet	NT.	
. haat	No	

	Box No. IX CHECK LIST; 1 JUAGE OF FILING			
ceclarion sheets   9   description (excluding sequence listing and/or tables related thereto)   25   claims   22   abstract   1   drawings   9   Sub-total number of sheets   66   sequence listing   3   Sub-total number of sheets   66   sequence listing   3   Sub-total number of sheets   66   sequence listing   4   computer readable form   5   computer readable	(a) in paper form, the following number of	item(s) (mark the applicable check-boxes below and indicate in	Number of items	
declaration sheets) : 9 description (excluding sequence listing and/or tables related thereto) : 25 claims : 22 abstract : 1 drawings : 9 Sub-total number of sheets : 66 sequence listing tables related thereto (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (by below) : 66 O and by in computer readable form (Section 801(a/ii)) : 10 sequence listing (ii)   bables related thereto (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (by below) : 66 O and by in computer readable form (Section 801(a/iii)) (i)   sequence listing (ii)   bables related thereto (for liber tables related ther	request (including		s : 1	
Sequence listing and/or tables related thereto   25   claims   22   25   claims   25   25   25   25   25   25   25   2	declaration sheets) : 9	2.  original separate power of attorney	:	
tables related thereto) : 25 claims : 22 abstract : 1 drawings : 25 sub-total number of sheets : 66 sequence listing : 66 sequence listing : 67 sheets if flat in paper form, whether on an also filed in computer readable form (Section 801(a)(ii)) Tortal number of sheets : 66	description (excluding	3. 🔀 original general power of attorney	: 1	
abstract drawings  Sub-total number of sheets: 66  sequence listing tables related thereto (for both, candal number of sheets if filed in paper form, whether on not also filed in computer readable form (Section 8016/80)  Total number of sheets  66 (b) — only in computer readable form (Section 8016/80)  (i) — sequence listing (ii) — lables related thereto (c) — lables related thereto Type and number of carriers (disktue, CDR-DMA, CD-R or other) on which are contained the — sequence listing: — (additional copies to be indicated under timens 9(1) and/or 10(0), in right column)  Additional copies including, where applicable, the copy or contained the — sequence listing (iii) — lables related thereto Type and number of carriers (disktue, CDR-DMA, CD-R or other) on which are — sequence listing: — (additional copies to be indicated under timens 9(1) and/or 10(0), in right column)  Figure of the drawings which should accompany the abstract:  Language of filling of the international separch under Section 2002,—guater)  11. — Jace of actual receipt of the purported international application:  12. — Transmittal of search copy delayed  13. — Transmittal of search copy delayed  14. — Date of actual receipt of the purported international separch under Section 2002,—guater)  15. — Transmittal of search copy delayed  16. — Transmittal of search copy delayed  17. — Transmittal of search copy delayed  18. — Suppose of international search under timely received papers or drawings completing the purported international application:  18. — Statement explaining lack of 66; in mineral column  19. — (additional copies including, where applicable, the copy for the purpose of international search under Section 2002,—guater)  19. — (additional copies including, where applicable, the copy for the purpose of international search under Section 2002,—guater)  19. — (additional copies including, where applicable, the copy for th		4.  copy of general power of attorney; reference number	,	
Sub-total number of sheets   66   50   50   50   50   50   50   50	claims : 22	_	······· : 1 <sub>10</sub>	
Sub-total number of sheets   66   sequence listing   tables related thereto   (for both, actual number of members of the section 80(6/01))   (any sheets of the state of the section 80(6/01))   (b)   sequence listing   (c)   (d)   (d			:	
contained the related thereto   contained the related theret		6. L priority document(s) identified in Box No. VI as item(s):		
Gir both, actual number of sheets   Solidaria   Soli	sequence listing :	7. translation of international application into (language):	:	
whether or not also filed in computer readable form; see (c) below)  Total number of sheets	(for both, actual number of	8. separate indications concerning deposited microorga or other biological material	nism :	
See (c) below	whether or not also filed in	9. sequence listing in computer readable form (indicate type and number of carriers)		
(ii)   conjunct readable form (Section 801(a)(ii)) (i)   sequence listing   (ii)   tables related thereto (c)   also in computer readable form (Section 801(a)(iii)) (i)   sequence listing   (iii)   tables related thereto (c)   also in computer readable form (Section 801(a)(iii)) (i)   sequence listing   (iii)   tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the   computer readable form (section 801(a)(iii)) (ii)   sequence listing   (iii)   copy submitted for the purposes of international search under Section 802(0-quater) only (and not as part of the international application)  Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the   copy to the purposes of international search under Section 802(0-quater) (iii)   (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(0-quater) (iii)   (only where check-box (b)(ii) or (c)(iii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(0-quater) (iii)   (only where check-box (b)(ii) or (c)(iii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(0-quater) (iii)   (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including where application (iii)   (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including where application (iii)   (only where check-box (b)(iii) or (c)(iii) is marked in left column) additional copies including where application (iii)   (only where check-box (b)(iii) or (c)(iii) is marked in left column) additional copies including where application (iii)   (only where check-box (b)(iii) or (iii) is marked in left column) additional copies including, where applicable, the copy for the purpose	see (c) below)	(i) copy submitted for the purposes of international se Rule 13ter only (and not as part of the international	earch under l application) :	
(Section 801(a)(ii)  (i)   sequence listing (ii)   tables related thereto (c)   also in computer readable form (Section 801(a)(iii) (i)   sequence listing (ii)   tables related thereto (b)   sequence listing (iii)   tables related thereto (c)   also in computer readable form (Section 801(a)(iii) (i)   sequence listing (ii)   tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the   sequence listing:	(b) only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left additional copies including, where applicable, the		
10.     dables in computer readable form (Section 80 [(a)(ii))	(Section 801(a)(i))	(iii) together with relevant statement as to the identity of	: of the copy or	
(Section 801(a)(ii))  (i)   sequence listing   (ii)   tables related thereto   Section 802(b-quater) only (and not as part of the international search under Section 802(b-quater) only (and not as part of the international application)  Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the   (iii)   (only where check-box (b)(ii) or (c)(ii) is marked in left column)   additional copies to be indicated under items 9(ii)   and/or 10(ii), in right column)  Figure of the drawings which   Language of filing of the international application:   (iii)   other (specify):   (iii)   (specify):   (iii)   (specify):   (specify)		10.   tables in computer readable form related to sequence 1		
(ii)   tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the   sequence listing:	(Section 801(a)(ii))	(i) Copy submitted for the purposes of international se	arch under	
CD-ROM, CD-R or other) on which are contained the sequence listing: additional copies including, where applicable, the copy for the purposes of international search under Section 802(h-quater): (iii) logether with relevant statement as to the identity of the copy or copies with the tables mentioned in left column copies to be indicated under items 9(ii) and/or 10(ii), in right column)  Figure of the drawings which should accompany the abstract: language of filling of the international application: English  Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request international application:  1. Date of actual receipt of the purported international application:  2. Drawings: received:  1. Date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed	(ii) tables related thereto	application)	:	
tables related thereto:	CD-ROM, CD-R or other) on which are	additional copies including, where applicable, the	copy for the	
Corrected date of actual receipt of the purported international application:    Date of actual receipt of the purported international application:    Date of actual receipt of the purported international application:    Date of actual receipt of the purported international application:    Date of imely receipt of the required corrections under PCT Article 11(2):    Date of the purported international application:    Transmittal of search copy delayed   Copy		(iii) together with relevant statement as to the identity of copies with the tables mentioned in left column	of the copy or	
Should accompany the abstract: international application: English  Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request of the purported international application:  1. Date of actual receipt of the purported international application:  2. Drawings: received: received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed	(additional copies to be indicated under	11. other (specify):	.,:	
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request of the purported international application:  1. Date of actual receipt of the purported international application:  2. Drawings:  1. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed		Language of filing of the international application: English		
Date of actual receipt of the purported international application:  1. Date of actual receipt due to later but timely received papers or drawings completing the purported international application:  2. Drawings:  1. Transmittal of search copy delayed  2. Drawings:  1. Drawings:  1. Date of timely receipt due to later but timely received papers or drawings completing the purported international application:  2. Drawings:  1. Drawings:  1. Date of timely receipt of the required corrections under PCT Article 11(2):  2. Drawings:  1. Drawings:  1. Drawings:  1. Date of timely receipt of the required corrections under PCT Article 11(2):  2. Drawings:  1. Drawings:  1. Drawings:  1. Date of timely receipt of the purported international application:  2. Drawings:  1. Drawings:  1. Drawings:  1. Drawings:  1. Drawings:  2. Drawings:  2. Drawings:  1. Drawings:  2. Drawings:  2. Drawings:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  3. Corrected date of actual receipt due to later but timely received:  4. Date of timely receipt of the required corrections under PCT Article 11(2):	Box No. X SIGNATURE OF APPLICAN	T. AGENT OR COMMON REPRESENTATIVE		
1. Date of actual receipt of the purported international application:  2. Drawings:  3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed	Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).			
international application:  3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed		For receiving Office use only		
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:  4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed	international application:			
4. Date of timely receipt of the required corrections under PCT Article 11(2):  5. International Searching Authority  6. Transmittal of search copy delayed	3. Corrected date of actual receipt due to later but timely received papers or drawings completing			
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid				
	5. International Searching Authority (if two or more are competent): ISA /			
For International Bureau use only		For International Bureau use only		
Date of receipt of the record copy by the International Bureau:				

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

## Decimation of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv), for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	one inventor is listed below) or joint (if more than one inventor for which a patent is sought.
This declaration is directed to the international application of which	it forms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule $26ter$ ).	
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application design having a filing date before that of the application on which foreign prior Applications:	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade nt or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America, wrighty is claimed.
I hereby acknowledge the duty to disclose information that is 1 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the	erial information which became available between the filing date
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: John 5. Tootle	
Residence: Vestavia Hills, AL (city and either US state, if applicable, or country)	
Mailing Address: 4025 Little Branch F	Roed
Citizenship: U.S. Inventor's Signature: John 5- Follow	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature:	Date: June 11, 2004  (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name:	
Residence:	
Mailing Address:	•
Citizenship:	•••••
Inventor's Signature:  (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date:
•	
This declaration is continued on the following sheet, "Gentinuation	en of Box Né. VIII (iv)".

The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Pax No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

## Deciaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv), for the purposes of the designation of the United States of America:

I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and f	
This declaration is directed to the international application of which	it forms a part (if filing declaration with application).
This declaration is directed to international application No. PCT/ to Rule $26ter$ ).	(if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship a	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application designs having a filing date before that of the application on which foreign processing the state of the application on which foreign processing the state of the application on which foreign processing the state of the application on which foreign processing the state of the application o	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade at or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America, priority is claimed.
Prior Applications: V.S Previsio. nal 6.0.	1.4.1.6,03412.0.00.03
I hereby acknowledge the duty to disclose information that is k 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the c	rial information which became available between the filing date
I hereby declare that all statements made herein of my own knowledge are believed to be true; and further that these statements were made as made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: ABIDIN YILDIRIM	
Residence: 704 Staffordshire (city and either US state, if applicable, or country)	Lane, Birmingham AL
Mailing Address: SAME. "	
Citizenship: TR (Turkey) & DE G	ermany)
Citizenship: .TR. (Turkey). Q. DE. (Go Inventor's Signature:	Date:
Name:	
Residence:	
(city and either US state, if applicable, or country)	
Mailing Address:	
Citizenship:	
Inventor's Signature:	Date:
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
This docination is continued on the fellowing shoot, "Scrittmentical	en of Ples No. VIII (iv)".
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The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Property No. VIII (iv). If this Box is not used, this sheet should not be request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:		
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and		
This declaration is directed to the international application of which	it forms a part (if filing declaration with application).	
This declaration is directed to international application No. PCT/ to Rule 26ter).	(if furnishing declaration pursuant	
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.	
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.		
Prior Applications: U.S. Provisional 60/478,0	72.00.03	
I hereby acknowledge the duty to disclose information that is 1 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the continuation.	terial information which became available between the filing date	
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or any	with the knowledge that willful false statements and the like so a 1001 of Title 18 of the United States Code and that such willful	
Name: Franklin R. Amthor		
Residence: 12660 Creak View Dr. 19 (city and either US state, if applicable, or country)	400 ver, AL 35226-3420	
Mailing Address: Same 05 96002		
	,	
Citizenship: US		
Inventor's Signature:   Inventor's Signature:   (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date: Dec. 11, 2004  (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
Name:		
Residence:		
Mailing Address:		
Citizenship:		
Inventor's Signature:	Date:  (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)	
This designation is continued on the following shoet, "Continued	ion of Box No. VIII (iy)".	